



BERKELEY LAB

Bringing Science Solutions to the World



U.S. DEPARTMENT OF
ENERGY

Community Advisory Group

Michael Brandt

March 8, 2021



90TH ANNIVERSARY OVERVIEW

Celebrate the Past, Imagine the Future

Berkeley Lab – 1931 to 2021

- In 1931, a 30-year old physics professor, Ernest Orlando Lawrence, created the Radiation Laboratory in a modest building on the UC Berkeley campus.
- From that humble beginning, a research powerhouse was born.
- In the ensuing years, Berkeley Lab has made countless discoveries that have yielded solutions to some of the country's toughest scientific challenges.



Great Scientists Addressing National Challenges



U.S. DEPARTMENT OF **ENERGY** Office of Science

8 Fermi Awards
34 Lawrence Awards
&
42 Early Career Research Program Awards



HEP BES BER

2020 ECRP Awardees



14 Laureates to date

15 Awardees to date



NATIONAL ACADEMY OF ENGINEERING



18 Members to date



AMERICAN ACADEMY OF ARTS & SCIENCES



47 Fellows to date



NATIONAL ACADEMY OF SCIENCES



84 Members to date



AAAS
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

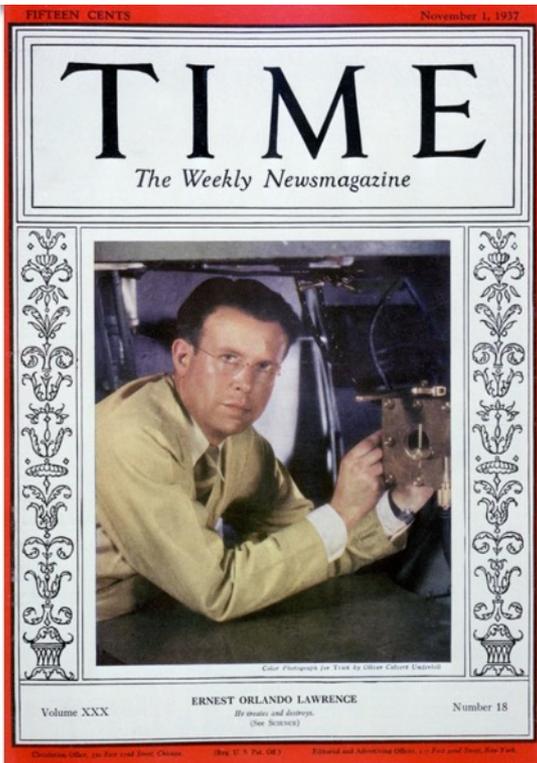


65 Fellows to date

90 Years of Great Discoveries

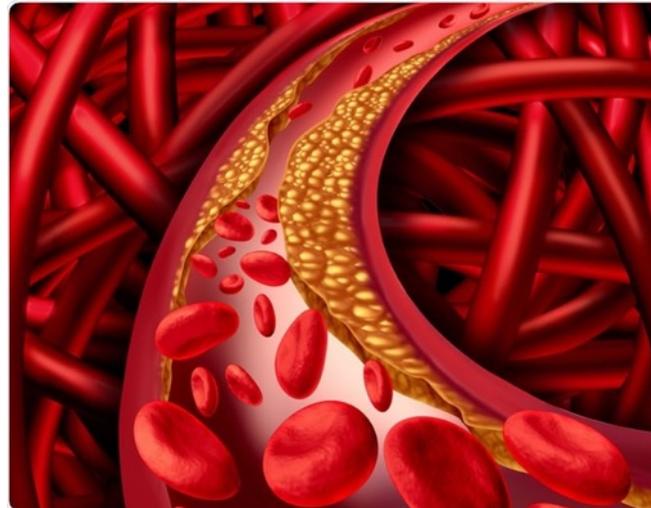
1939

Invented Particle Accelerators



1960

Identified Good and Bad Cholesterol



2020

Created a Powerful Genetic Engineering Tool



90th Anniversary

<https://berkeleylabnext90.lbl.gov/>



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THE NEXT 90

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#BerkeleyLab90



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90 Breakthroughs

Timeline

History

Photo Gallery

Celebrate the Past

From the cyclotron to the CRISPR-Cas9 genetic engineering technology, and everything in between, Berkeley Lab's team science approach has built a nine-decade legacy of harnessing discovery science to bring solutions to the world. Explore our rich history via these resources.

Do you have a fond memory of Berkeley Lab's past? Go [here](#) to share your recollections.

90th Anniversary

Imagine the Future

THE NEXT 90

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Imagine the Future

Today's discovery science — led by diverse teams of scientists and engineers, and supported by dedicated operations staff — will lead to the breakthroughs of tomorrow. Learn how our pioneering research will continue to benefit the nation and world for the next 90 years.

THE NEXT 90

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Connect

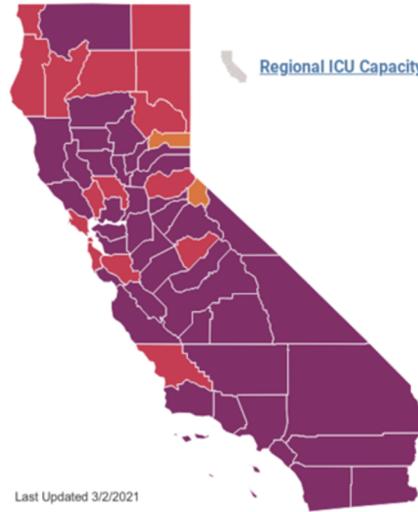
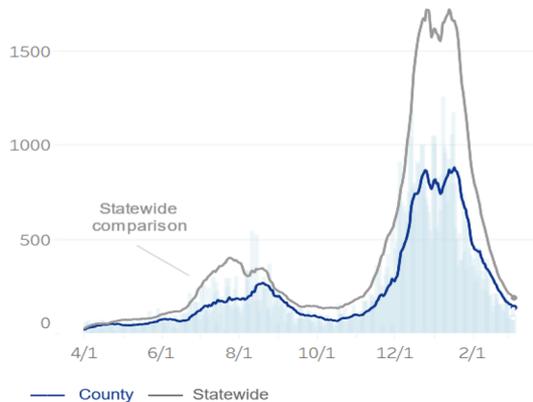
Join us as we reflect on our first 90 years and envision the next 90. The events and interactive features below offer several ways to celebrate our past and imagine our future.

[Sign up](#) to receive Berkeley Lab's monthly community newsletter, with updates on our science & outreach activities plus updates on events.

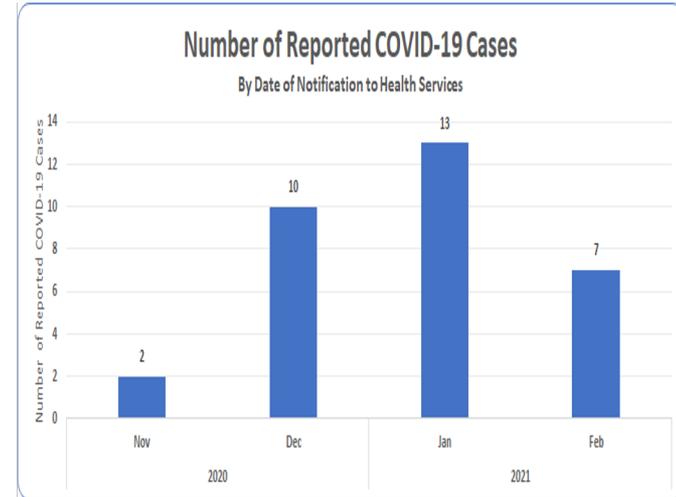
Lab COVID-19 Risk Environment

Total cases in Alameda

81,215 positive cases
 100 new cases
 0.1% increase from prior day total



+ a b l e a u



Alameda County

- New Cases Per 100K - 8.2 (6.3 Adj)
- Covid Test Positivity Rate - 2.4%
- From Widespread to Substantial Soon

SF Bay Area

- 5 Counties in Substantial
- Schools Reopening

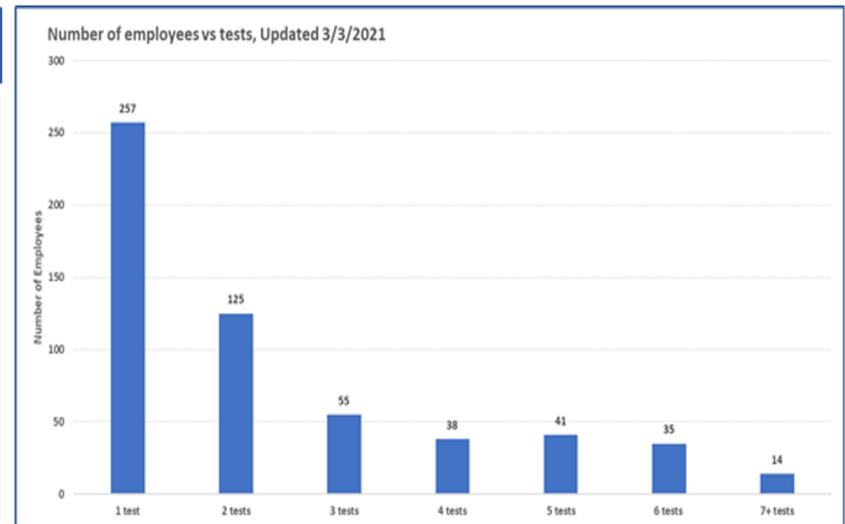
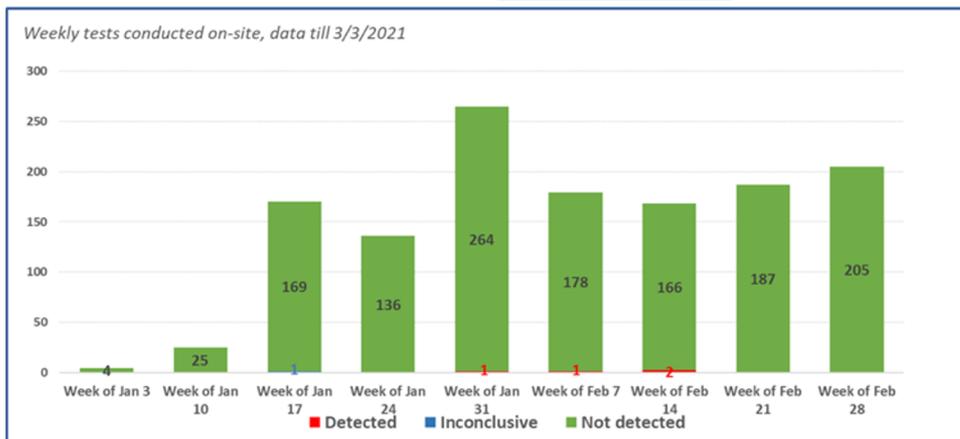
Lab COVID-19 Cases

- 46 Cases Reported
- Zero Cases Last Week
- No On-site Transmission

COVID-19 Testing for Employees and Affiliates

- Free voluntary testing is offered to employees and affiliates working at a Lab location
- Testing is offered three times a week; Mondays and Tuesday at the hill site and Wednesdays at Potter Street
- **There have been NO cases of on-site transmission of COVID at the Lab; this is the only national science lab that make that statement**

Cummulative tests conducted	Cummulative positive tests	LBNL positivity rate	Alameda County positivity rate
1339	4	0.30%	2.4%



Submitted DOE Safety Plan



- Requested approval to reinstate the pilot series
- Gradually add workers back to Lab locations ~ 250 every few weeks
- Decision will be based on:
 - COVID in the local community
 - COVID safety environment at the Lab
 - DOE guidance



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